Miele

Operating instructions for Cooker Hood DA 72/1

CDN USA

Contents

Page

Safety Instructions and Warnings 5

For the user

Description of the appliance 3

Operation. 7

Cleaning and care 8

For the Installer

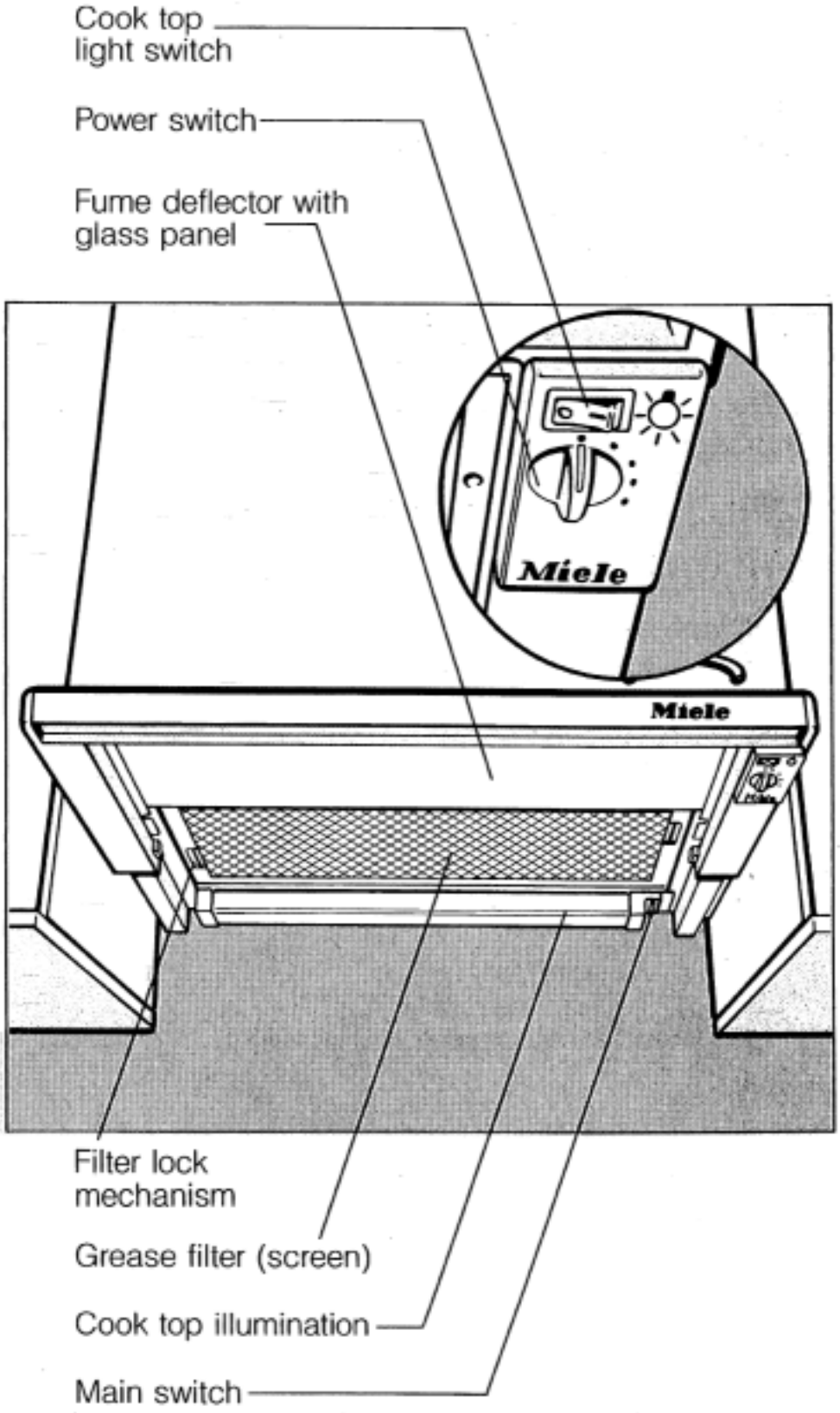
Installation 11

Vented operation 13

Non-vented operation 14

Electrical connection and technical data. 15

Description of appliance



Description of appliance

The Cooker Hood may be used for vented or non-vented operation.

Vented Operation

CAUTION: To reduce the risk of fire and to properly exhaust air, be sure to duct air to the outside. Do not vent exhaust air into spaces within walls or ceilings or into attics, crawl spaces, or garages.

The cooking fumes are filtered through the grease filter and extracted to the outside.

Non-vented Operation

The cooking fumes are filtered through the grease filter with additional charcoal filters and channelled back into the kitchen via the upper part of the kitchen cabinet.

- The unit is set up by the factory for vented operation.
- The unit is provided with a non-return flap.

When not in use the Cooker Hood's non-return flap is closed, so that no exchange of air from the outside and the room can take place.
A few seconds after turning on the unit the non-return flap opens and fumes are channelled to the outside.

Mains Supply

In case of malfunctioning shut off circuit breaker as the plug may be difficult to reach.

- Turn Cooker Hood's mains supply off when servicing (changing or cleaning of filter etc., or when not in use for prolonged time).

Switch for Cook Top Lights

These can be used independently from the Cooker Hood operation.

Power Control

Determines level of air flow:
1 = low
5 = high

Fume Deflector

When main switch is "ON" and the fume deflector is pulled out the unit will start automatically. When front burners of the cook top are in use or larger accumulations of fumes have to be extracted the fume deflector should be pulled out all the way. Otherwise it is sufficient to pull out the deflector only slightly.

WARNING –

- Before using the Cooker Hood read and follow all basic Safety Instructions CAREFULLY to avoid personal injuries and damage to the appliance.
- Use the Cooker Hood only for household purposes.
- The appliance complies with all required safety regulations. To avoid danger to the user, repairs must be carried out by qualified technicians only.
- Before servicing disconnect the power supply by switching off the circuit breaker or by removing the plug of the unit.
- Never allow an open flame under the unit (i.e. during grilling, flambé, etc.) as flames may be drawn into the grease filter and could start a fire.
- Ensure that burners in use are always covered by a saucepan or pot, as intense heat could damage parts of the Cooker Hood.
- Do not leave pots and pans unattended, especially when cooking with oil or grease, as overheated, oil and fat can ignite and create a fire hazard.
- Never use Cooker Hood without a grease filter.
- The appliance must not be connected to a chimney or vent flue which is in use. If a gas water heater or a gas room heater is installed in the kitchen, we recommend as a safety precaution that this Cooker Hood should not be used. Suction from the appliance could cause a backflow of exhaust gases from the chimney or vent flue duct.
- No danger exists if a vacuum pressure of 0.16" water lift is not exceeded.
  This may be accomplished by ensuring that sufficient fresh air is always available.
- If you are not certain please consult your local building authority.
- If the Cooker Hood is used in the non-vented mode with charcoal filters, these precaution are not necessary.

Safety instructions and warnings

WARNING –

For the Installer

- The Cooker Hood is suitable for use above gas and electric equipment
  electric: 20" (49 cm) distance
  gas: 26" (65 cm) distance
  between cooking surface and bottom edge of Cooker Hood.
  For safety reasons install Cooker Hood at least in measurements as mentioned above.
- Do not install Cooker Hood over cooking areas using solid fuels.
- Only use fire resistant ducting material. These are available at your Miele Service Center.

Vented Operation

Existing regulations require that exhaust air may not be extracted through a chimney nor through a shaft in use for heating, air conditioning or other purposes. When in doubt please consult with your local building authorities.

Save these instructions and review periodically!

Switch on Cooker Hood main switch.

- Pull out fume deflector: The fan power will automatically be in the previously selected position.
- Select desired fan power:
  Position 1 = low
  Position 5 = high
- Switch light on (if needed).

After use

- It is recommended to keep unit running for an additional 10 minutes (approx.) after you finish cooking, to eliminate any remaining cooking fumes.
- The unit will turn itself off automatically, when fume deflector is pushed in.
- Turn off cooker light.

Cleaning and care

CAUTION: ALWAYS TURN OFF MAIN POWER SUPPLY BEFORE SERVICING THE COOKER HOOD!

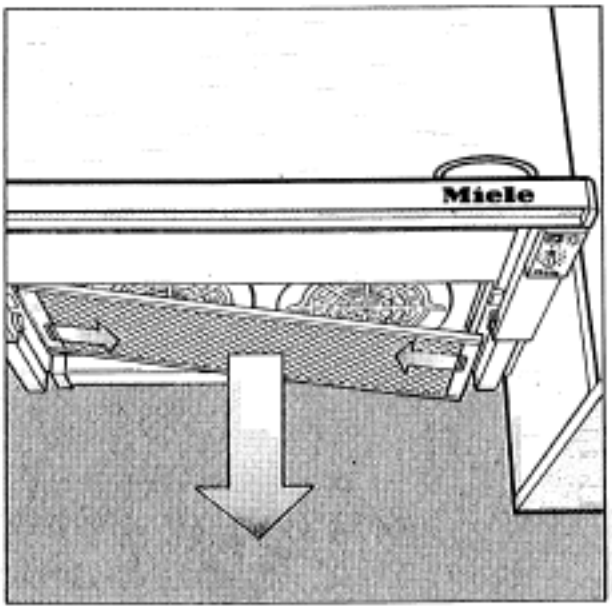
To clean grease filter

The grease filter absorbs the solids suspended in the cooking fumes (such as dust, grease etc.) and thus prevents the fan motor to be soiled.
The hood is equipped with a re-usable metal filter which can be cleaned by hand or dishwasher.

- The grease filter should be cleaned periodically. Within normal use every two or three months (notice discoloring of filter and reduction of suction power).

WARNING!
Fatty build-ups in the filter are a fire hazard.

- Pull out fume deflector.
- Slide filter locks towards center (see arrows).
- Remove grease filters and clean.



By hand:
Use brush to clean in warm water with dish washing detergent.

By dishwasher:
Place filter vertically (upright) in lower rack.

Before replacing filter allow it to dry completely.

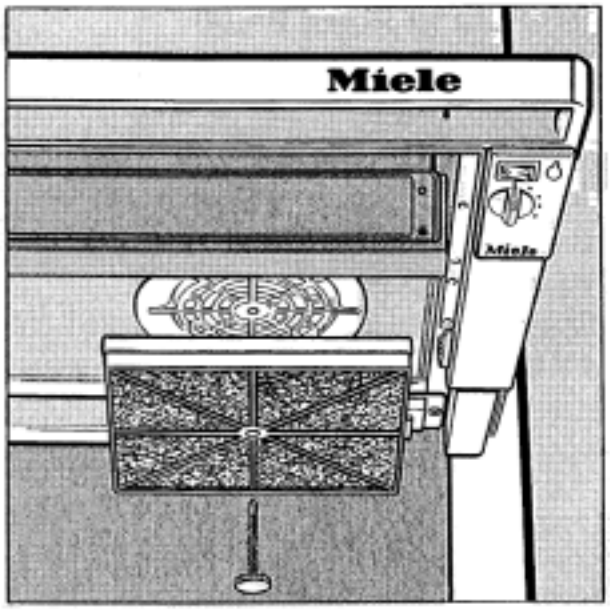
When filter is removed clean at the same time accessible areas of casing, to prevent a fire.

CAUTION: ALWAYS TURN OFF MAIN POWER SUPPLY BEFORE SERVICING THE COOKER HOOD!

To install charcoal filter

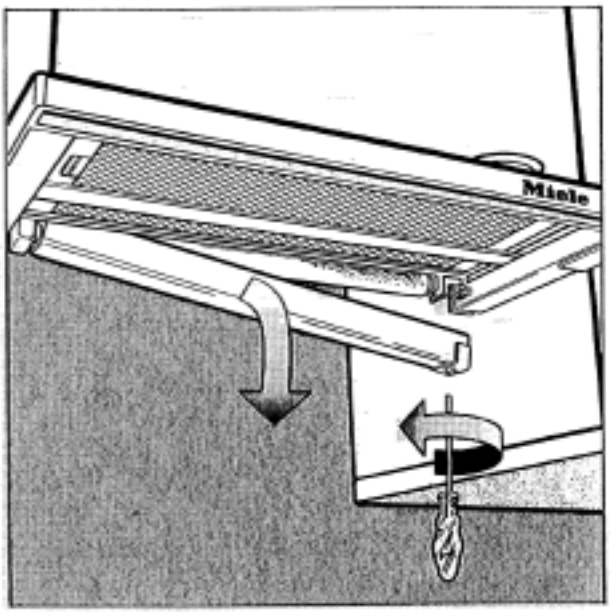
When Cooker Hood has been converted to non-vented operation, you have to use charcoal filters in addition to the grease filter. These filters absorb the usual kitchen odors.

- Attach charcoal filter with screw (included).



Change of fluorescent lamp and starter

- Please be sure main power supply is switched off.
- Un-tighten holding screws and pull cap of lamp towards the right.
- Then change fluorescent lamp or starter.
- Re-fit lamp cover correctly.
- Turn on power supply.

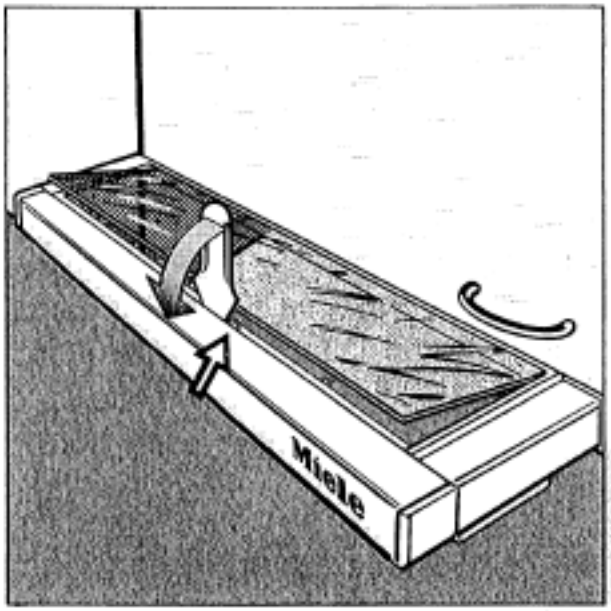


Cleaning and care

Cleaning of glass panel

To clean normally soiled panel use mild detergent.
Panel can be removed for thorough cleaning.

To remove glass panel use the enclosed Miele plastic scraper.
Insert scraper as shown and carefully pry panel upwards.

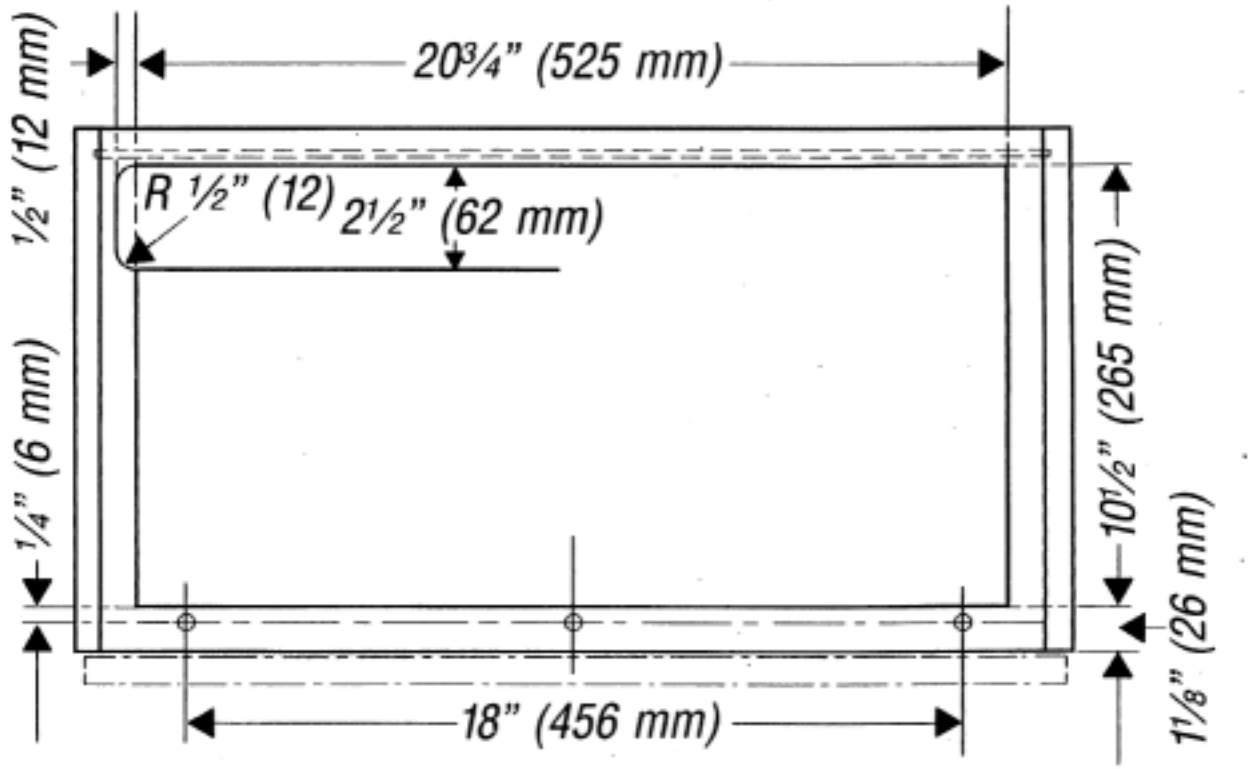


Cook Tops used in conjunction with this Cooker Hood must not exceed 20" (51 cm) in depth x 24" (61 cm) in width.

The Cooker Hood is set up for the installation into a top cabinet – 23⅝" (60 cm) wide.

Cut-out measurements

Use template (enclosed).

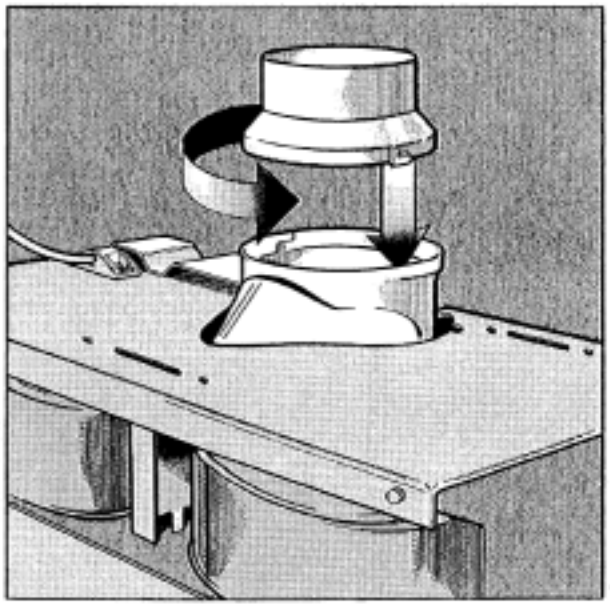


NOTE:

For safety reasons install the Cooker Hood at least 20" (49 cm) above electrical cook top or 26" (65 cm) above gas cook top.

Do not install Cooker Hood over cooking areas using solid fuels.

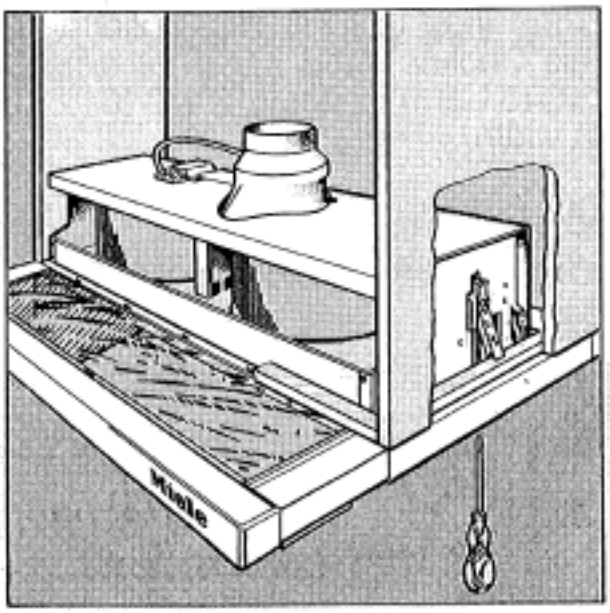
- Use appropriate adapter (included) for 4" (100 mm) – 4¾" (120 mm) I.D. vent ducting.



Mounting

Installation

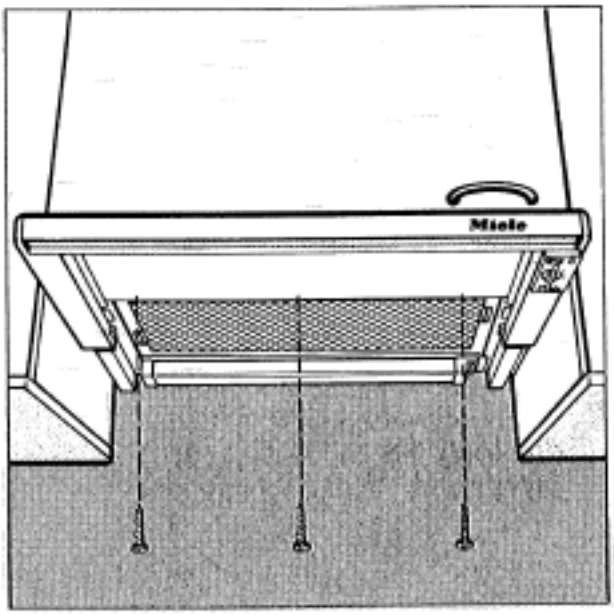
- Fit unit as shown into top cabinet and tighten mounting brackets slightly.
- Pull out fume deflector and fasten unit to top cabinet with the 3 screws (enclosed).



To remove

- Take out the 3 screws.
- Loosen mounting bracket bolts until hard to turn.
- Lift up Cooker Hood slightly and then remove downwards.

Note: Before re-installing tighten mounting bracket bolts slightly to assure proper clamping action.



Connection – Vented operation

Please be sure to read safety instructions on page 5 and 6

- The distance for venting should be as short as possible.
- Use elbows with the largest possible radius to ensure unobstructed air flow.
  Use only non-flammable ducting material.

The duct I.D. should be at least 4" (100 mm). For longer distances use longer I.D.

If vented through an outside wall a Telescopic Wall-Vent-Kit is available from Miele.

A flexible venting hose is also available from Miele.

Calculating examples of duct length.

With a 4" (100 mm) diameter duct, a total length up to 50 feet (15 m) is possible without significant loss of air flow (with 5" (125 mm) diameter up to 100 feet (30 m))

- Total duct length must consider all elbows and/or bends.
- Add additional distances for elbows and/or bends as per table below.

Type of bend	Angle	DA 72/1 radius of bend		DA 72/1 additional ducting	
		in inch	**in mm**	**in ft.**	**in m**
Wall vent with flap				12	4,0 (1,0)
Wall vent with grille				5	1,6
Bends	90°	4 (5)	100 (125)	1	0,4 (0,3)
	90°	8 (10)	200 (250)	1	0,3 (0,2)
	45°	4 (5)	100 (125)	1	0,3 (0,2)
	45°	8 (10)	200 (250)	1/2	0,2 (0,1)
Elbow bend	90°			7	2,3 (2,0)
	45°			2	0,6 (0,5)
Bend in concertina hose	90°			2.5	0,75 (0,7)
Flexible piping	90°	4 (5)	100 (125)	1	0,4 (0,35)
	90°	8 (10)	200 (250)	1	0,35 (0,3)
	90°	16 (20)	400 (500)	1	0,3 (0,2)
	45°	4 (5)	100 (125)	1	0,25 (0,2)
	45°	8 (10)	200 (250)	1	0,2 (0,15)
	45°	16 (20)	400 (500)	1	0,2 (0,1)

( ) figures given are for 5" (125 mm) diameter pipe

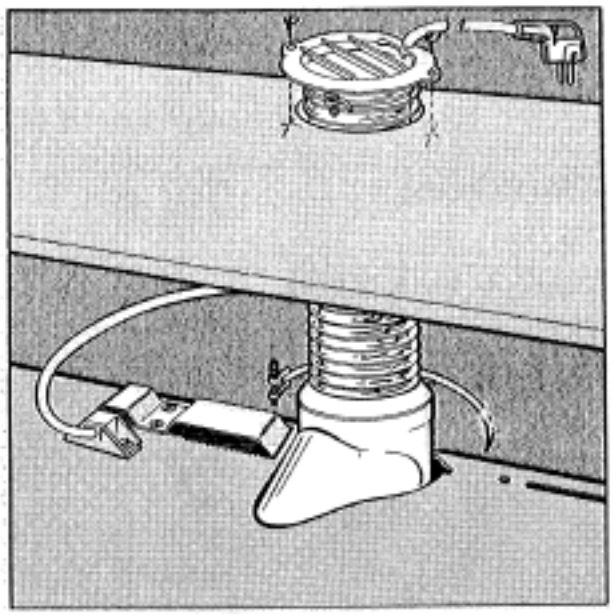
Non-vented operation

If site conditions are not suitable for outside venting the appliance must be converted to non-vented operation.

The following parts are then necessary and can be obtained from your Miele dealer or your Miele Spare Parts Department.

- Conversion Kit: Part Number # 1027011
- Charcoal Filter: Part Number # 3082270

- Prepare cut-out to cabinet as per drawing on page 11.
- Insert vent hose with fume deflector from above into air channel. Vent hose should not be directed towards rear wall as this would reduce air flow.
- Fasten fume deflector to top cabinet with 2 screws.
- Fit charcoal filters.



Electrical connection and technical data

Electrical connection

- The connection to the unit must be made via a plug and a grounded receptacle according to local codes and ordinances.

Technical data

Total rated load	200	Watt
Illumination	15	Watt
Voltage	120	Volt
	60	Hz
Fuse rating	15	A

Air through put

Vented operation:
Max.: 300 cfm (500 m^3/h)
Min.: 115 cfm (190 m^3/h)

Non-vented operation:
Max.: 250 cfm (420 m^3/h)
Min.: 95 cfm (160 m^3/h)

This appliance must be earthed!

Miele

Miele Appliances, Inc.
22 D Worlds Fair Drive
Somerset, NJ 08873

Tel. No. (201) 560-0899
Telex 751730
Toll Free: I – 800 – 843 – 7231

Miele Appliances Limited
250 Shields Court
Unit # 4
Unionville, Ontario
Canada L3R 9W7
Phone Number 4164741073
Fax Number 4164740432

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